Power MCU +3.3V +3.3V J1 USB_B_Micro U1 NCP1117-3.3_S0T223 C8 100n GND GND Flash +3.3V R5 QSPI_SS 56 QSPLSD0 53 QSPLSD1 55 QSPLSD2 54 QSPLSD3 51 QSPLSCLK 52 QSPLSCLK 52 QSPLSCLK 52 I/O Header 1K J2 Conn_01x02_Pin 1 QSPI_SS 6 QSPI_SCLK 5 QSPI_SD0 2 QSPI_SD1 3 QSPI_SD2 U3 W25Q128JVS Conn_01x15_Pin XOUT 2 GPI026_ADC0 GPI027_ADC1 GPI028_ADC2 GPI028_ADC2 GPI029_ADC3 GPI029_ADC3 SWCLK 24 SWD 25 GPI015 Crystal GND 9 10 J4 11 Conn_01x15_Pin GPI023 GPI024 GPI025 GPI026_ADC0 GPI028_ADC2 GPI027_ADC1 GPI029_ADC3 Mounting Header C5 30p R1 1K 1 2 J5 3 Conn_01x03_Pin Minimal Design of RP2040 board Sheet: / File: Raspberry_Pi_Pico.kicad_sch Title: Raspberry Pi Pico Size: A3 Date: 2023-08-25 KiCad E.D.A. kicad 7.0.7